## INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB2005/050006

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H04S1/00			
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	o International Patent Classification (IPC) or to both national classification	ation and IPC		
	SEARCHED  ocumentation searched (classification system followed by classification)	an eumhole)		
IPC 7		on symbos,		
Documentat	tion searched other than minimum documentation to the extent that se	uch documents are included in the fields se	arched	
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	)	
EPO-In	ternal, WPI Data, PAJ			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with Indication, where appropriate, of the rela	evant passages	Relevant to daim No.	
X	US 2003/219137 A1 (FINCHAM LAWREN 27 November 2003 (2003-11-27) paragraphs '0066!, '0067!, '007 '0080! figures 2A-2D,5	1-10		
A	EP 0 847 225 A (BOSE CORPORATION) 10 June 1998 (1998-06-10) column 5, line 29 - line 58 column 15, line 1 - line 29	1-10		
A	figures 5,18A,18B WO 89/12373 A (OKAYA, AKIRA) 14 December 1989 (1989-12-14) page 7, line 9 - page 8, line 15 claim 4 figure 2	•	1–10	
			-	
Furt	her documents are listed in the continuation of box C.	X Patent family members are listed i	n annex.	
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filing date but		<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>		
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report	
1 April 2005		11/04/2005		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016		Authorized officer Hauser, M		

## INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/IB2005/050006

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003219137	A1	27-11-2003	US	2002154783 A1	24-10-2002
	***	<b>_</b> ,	CA	2449410 A1	22-08-2002
			EP-	1360874 A2	12-11-2003
			JP	2004521541 T	15-07-2004
			TW .	576121 B	11-02-2004
			WO	02065815 A2	22-08-2002
EP 0847225	Α.	10-06-1998	US	5809153 A	15-09-1998
			DE	69730299 D1	23-09-2004
			EP	1475992 A2	10-11-2004
			ΕP	0847225 A2	10-06-1998
			JP	10271596 A	09-10-1998
WO 8912373	A	14-12-1989	AU	3777289 A	05-01-1990
			CA	1338084 C	27-02-1996
			CN	1038387 A ,B	27-12-1989
			JP	3505511 T	28-11-1991
•			WO	8912373 A1	14-12-1989
			US	5333202 A	26-07-1994

Form PCT/ISA/210 (patent family annex) (January 2004)